

SEVENTEENTH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA
NOVEMBER 16 and 17, 2010

DRAFT MEETING AGENDA

TUESDAY NOVEMBER 16

ARC Ballroom, UC Davis Campus

- 8:00 - 10:00 **Workshop (Optional) Bioassessment Basics Part II – Determining Biotic Condition Using Probabilistic Design** – *Jim Harrington, Pete Ode and Andy Rehn, California Department of Fish and Game, Office of Spill Prevention and Response, Aquatic Bioassessment Laboratory (ABL)*
- 10:00 - 10:30 **Break and Registration**
- 10:30 - 10:40 Welcome and Objectives of the Meeting – *Jim Harrington, ABL*
- 10:40 - 11:00 Status of the Surface Water Ambient Monitoring Program (SWAMP) and Recent Accomplishments – *TBA, State Water Resources Control Board (SWRCB), Sacramento*
- 11:00 - 11:20 Update on the Development and Implementation of Biological Objectives for California – *Karen Larsen, State Water Resources Control Board (SWRCB), Sacramento*
- 11:20 – 11:50 Update on Regional Board 9 Activities and How Bioassessment is Integrated into Water Quality Programs – *David Gibson and Lilian Busse, Regional Water Quality Control Board Region 9, San Diego*
- 11:50 – 12:10 Update on the Use of Bioassessment Data in the 303d Listing Procedures – *Shakoora Azim-Gaylon, SWRCB, Sacramento*
- 12:10 - 2:00 Lunch (on your own)**
- 2:00 - 2:40 The CTUIR Freshwater Mussel Project: Using a First Foods Approach to Enhance Conservation – *Christine O'Brien, Confederated Tribes of the Umatilla Indian Reservation, Pendleton, Oregon*
- 2:40 - 3:00 Status of Freshwater Mussels in California – *Jeanette Howard, The Nature Conservancy, San Francisco*
- 3:00 - 3:30 Climate Change and the Effects on Reference Conditions in California – *Charles Hawkins, Utah State University, Logan*
- 3:30 - 3:50 **Break**

- 3:50 - 4:20 Update on California Water Quality Monitoring Council – *Jon Marshack, SWRCB, Sacramento*
- 4:20 - 4:40 Data In and Data Out: Status on the SWAMP Database and Tools Being Developed for Biological Data – *Marco Sigala, Moss Landing Marine Laboratories*
- 4:40 – 5:00 Discussion on the Biological Portion of the SWAMP Database

WEDNESDAY NOVEMBER 17

ARC Ballroom, UC Davis Campus

- 9:00 - 9:30 Survey Results and Lessons Learned from the National Lakes Assessment – *Amina Pollard – U.S. Environmental Protection Agency, Washington, DC*
- 9:30 - 10:00 Development of an O/E Model for the National Lakes Assessment – *Charles Hawkins, Utah State University, Logan*
- 10:00 - 10:20 Contaminants in Fish from Lakes in California – *Jay Davis, San Francisco Estuary Institute (SFEI), Oakland*
- 10:20 - 10:40 Development of a Preliminary Macroinvertebrate Index of Biotic Integrity for Freshwater Wetlands – *Kevin B. Lunde, Vincent H. Resh U.C. Berkeley*
- 10:20 - 10:40 Discussion on Next Steps for a California Lakes Assessment
- 10:40 – 11:00 Break**
- 11:00 - 11:20 The Effects of Excessive Nutrients in Vernal Pools – *Jamie Kneitel, California State University, Sacramento (CSUS), Russell Croel, CSUS and Sharon Collinge, University of Colorado*
- 11:20 - 11:40 The Continued Search for BMI Responses to Deposited Sediments in Streams of the Sierra and Central Coast – *Dave Herbst, Scott Roberts, and Bruce Medhurst - University of California, Sierra Nevada Aquatic Research Laboratory*
- 11:40 – 12:00 Comparability of Two Algae Sampling Methods for Bioassessment: SWAMP (multi-habitat) and UC-SNARL (targeted-riffle) – *Matthew Cover, California State University, Stanislaus*
- 12:00 - 1:30 Lunch (on your own)**
- 1:30 - 1:50 Biological Assessment of Southern California's Coastal Watersheds: Results from the First Year of the SMC's Stream Monitoring Program – *Raphael D. Mazor, Southern California Coastal Water Research Project (SCCWRP), Costa Mesa*

- 1:50 – 2:10 Effect of Southern California Wildfires on Contaminant Levels in Streams –
*Eric D. Stein, SCCWRP, Jeff Brown, SCCWRP, Terri Hogue, University of
California at Los Angeles (UCLA) and Megan Burke, UCLA*
- 2:10 – 2:30 Impacts of Urban Runoff on a Pristine Southern California Stream: Audubon's
Starr Ranch Use of Macroinvertebrates to Assess Water Quality – *Scott
Gibson, Starr Ranch Sanctuary, Audubon*
- 2:30 – 2:50 Benthic Periphyton and Freshwater Mussel Sampling in the Lower Klamath
and Trinity Rivers – *Ken Fetcho and Scott Sinnott, Yurok Tribe
Environmental Program*
- 2:50 – 3:30 Wrap-up of Meeting and Discussion on Lessons Learned